Li-Min Yang

List of Publications by Year
in descending order

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55	852	430874	552781
papers	citations	18 h-index	26 g-index

56	56	56	747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new approach to removing interference of moisture from FTIR spectrum. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120373.	3.9	11
2	Novel Method for Extracting the Spectrum of a Supramolecular Complex via a Comprehensive Approach Involving Two-Dimensional Correlation Spectroscopy, Genetic Algorithm, and Grid Searching. Analytical Chemistry, 2022, 94, 2348-2355.	6.5	3
3	Random swapping, an effective and efficient way to boost the intensities of cross peaks in a 2D asynchronous spectrum. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 272, 120968.	3.9	0
4	Deprotonation from an OH on myo-Inositol Promoted by Î¼₂-Bridges with Possible Regioselectivity/Chiral Selectivity. Inorganic Chemistry, 2022, 61, 6138-6148.	4.0	1
5	Unexpected Deprotonation from a Chemically Inert OH Group Promoted by Metal Ions in Lanthanideâ€“Erythritol Complexes. Inorganic Chemistry, 2021, 60, 5172-5182.	4.0	3
6	Fourier Transform Infrared Spectroscopy: An Innovative Method for the Diagnosis of Ovarian Cancer. Cancer Management and Research, 2021, Volume 13, 2389-2399.	1.9	15
7	Sugar-metal ion interaction: Crystal structure and spectroscopic study of potassium chloride complex with d-glucose, KClÂ·2C6H12O6. Journal of Molecular Structure, 2020, 1206, 127671.	3.6	4
8	Identification of systematic absence of cross-peaks (SACPs) in a two-dimensional asynchronous Spectrum using an auxiliary 2D quotient Spectrum and a statistical test. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118789.	3.9	11
9	Fourier Transform Infrared Spectroscopy Monitoring of Dihydroartemisinin-Induced Growth Inhibition in Ovarian Cancer Cells and Normal Ovarian Surface Epithelial Cells . Cancer Management and Research, 2020, Volume 12, 653-661.	1.9	8
10	Two-dimensional correlation spectroscopic studies on coordination between organic ligands and Ni2+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 197, 126-132.	3.9	6
11	Characterization of ovarian cancer cells and tissues by Fourier transform infrared spectroscopy. Journal of Ovarian Research, 2018, 11, 64.	3.0	28
12	Sugar-metal ion interactions: The coordination behavior of cesium ion with lactose, d-arabinose and l-arabinose. Journal of Molecular Structure, 2016, 1109, 179-191.	3.6	14
13	Structures and spectroscopic characterization of calcium chloride-nicotinamide, -isonicotinamide, -picolinamide and praseodymium bromide-nicotinamide complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 864-870.	3.9	12
14	Terahertz Absorption Spectroscopy of Benzamide, Acrylamide, Caprolactam, Salicylamide, and Sulfanilamide in the Solid State. Journal of Spectroscopy, 2014, 2014, 1-9.	1.3	6
15	Coordination between cobalt (II) ion and carbonyl group in acetone probed by using DAOSD approach. Journal of Molecular Structure, 2014, 1069, 217-222.	3.6	19
16	Cobalt(II) and strontium(II) complexes of three isomers, nicotinamide, isonicotinamide and picolinamide. Journal of Molecular Structure, 2014, 1059, 108-117.	3.6	22
17	The coordination of lanthanide ions with picolinamide. The influence of different anions. CrystEngComm, 2014, 16, 7711-7721.	2.6	5
18	Synthesis, crystal structures and luminescence properties of europium and terbium picolinamide complexes. Chinese Chemical Letters, 2014, 25, 887-891.	9.0	9

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19	Spectroscopic characterization and the coordination behavior of isonicotinamide with lanthanide ions. Journal of Molecular Structure, 2013, 1052, 93-101.	3.6	7
20	Sugarâ€“Metal Ion Interactions: The Complicated Coordination Structures of Cesium Ion with d-Ribose and myo-Inositol. Inorganic Chemistry, 2013, 52, 13132-13145.	4.0	20
21	(Butane-1,2,3,4-tetraol-Îº³O¹,O²,O³)(ethanol-ÎºO)tri Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m162-m163.	0.2	4
22	(Butane-1,2,3,4-tetraol-Îº³O¹,O²,O³)(ethanol-ÎºO)tris(Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m257-m258.	0.2	4
23	[(2R,3S)-Butane-1,2,3,4-tetraol-Îº3O1,O2,O3](ethanol-ÎºO)tris(nitrato-Îº2O,Oâ€²)samarium(III). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m182-m183.	0.2	0
24	Interactions between Metal Ions and Carbohydrates. Spectroscopic Characterization and the Topology Coordination Behavior of Erythritol with Trivalent Lanthanide Ions. Inorganic Chemistry, 2012, 51, 499-510.	4.0	33
25	Sugarâ€“metal ion interactions: the coordination behaviors of lanthanum with erythritol. Carbohydrate Research, 2012, 361, 12-18.	2.3	8
26	Double Asynchronous Orthogonal Sample Design Scheme for Probing Intermolecular Interactions. Journal of Physical Chemistry A, 2012, 116, 10904-10916.	2.5	42
27	Interactions between metal ions and carbohydrates. Syntheses and spectroscopic studies of several lanthanide nitrateâ€“d-galactitol complexes. Carbohydrate Research, 2011, 346, 2278-2284.	2.3	7
28	Preparation and spectroscopic characterization of two HoCl3â€“galactitol complexes and one ErCl3â€“galactitol complex. Journal of Molecular Structure, 2011, 998, 225-232.	3.6	7
29	Spectroscopic studies of the effect of the metal ions on the structure of mucin. Journal of Molecular Structure, 2009, 920, 8-13.	3.6	14
30	Low-frequency vibrational modes of dl-homocysteic acid and related compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 884-891.	3.9	27
31	Terahertz absorption spectra of some saccharides and their metal complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 160-166.	3.9	31
32	Orthogonal Sample Design Scheme for Two-Dimensional Synchronous Spectroscopy and its Application in Probing Intermolecular Interactions. Applied Spectroscopy, 2007, 61, 1359-1365.	2.2	48
33	Interaction between Metal Nitrates and Carbohydrates:Â The Topology Coordination Behavior of Galactitol with Trivalent Lanthanide and Divalent Alkaline Earth Ions. Inorganic Chemistry, 2007, 46, 5508-5517.	4.0	14
34	Crystal structures and spectroscopic characterization of galactitol complexes of trivalent lanthanide and divalent alkaline earth chlorides. Carbohydrate Research, 2006, 341, 75-83.	2.3	11
35	FT-IR spectroscopic study on the variations of molecular structures of some carboxyl acids induced by free electron laser. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 62, 1209-1215.	3.9	33
36	Interactions between metal ions and carbohydrates. The coordination behavior of neutral erythritol to neodymium ion. Journal of Inorganic Biochemistry, 2005, 99, 1090-1097.	3.5	13

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37	Interactions between metal ions and carbohydrates. The coordination behavior of neutral erythritol to lanthanum and erbium ions. Carbohydrate Research, 2005, 340, 2773-2781.	2.3	23
38	New, rapid fluorescence stain method for histologic sections using lanthanide complexes. Analytical Biochemistry, 2005, 347, 89-93.	2.4	12
39	The interaction between amino acids and metal ions (I). The FT-IR spectroscopic study of the binding between d,l-homocysteic acid and alkali metal ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 235-240.	3.9	8
40	Interactions between metal ions and carbohydrates: the coordination behavior of neutral erythritol to transition metal ions. Journal of Inorganic Biochemistry, 2004, 98, 1284-1292.	3.5	20
41	Interactions between metal ions and carbohydrates: the coordination behavior of neutral erythritol to zinc and europium nitrate. Journal of Inorganic Biochemistry, 2004, 98, 1251-1260.	3.5	26
42	Complexation of trivalent lanthanide cations by erythritol in the solid state. The crystal structure and FT-IR study of 2EuCl3Â·2C4H10O4Â·7H2O. Carbohydrate Research, 2004, 339, 1679-1687.	2.3	10
43	Sugar complexes with neodymium nitrate.. Carbohydrate Research, 2003, 338, 2029-2034.	2.3	11
44	Sugar interaction with metal ion: crystal structure and spectroscopic study of SrCl2Â·galactitolÂ·4H2O. Journal of Inorganic Biochemistry, 2003, 94, 43-49.	3.5	7
45	Interactions between Metal Ions and Carbohydrates. Coordination Behavior of Neutral Erythritol to Ca(II) and Lanthanide Ions. Inorganic Chemistry, 2003, 42, 5844-5856.	4.0	44
46	Luminescence studies on europiumâ€“strontium phthalate system. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2002, 58, 2803-2808.	3.9	3
47	Interactions between metal ions and carbohydrates: FT-IR and Raman spectra study of NdCl 3 Â·Î±- d -ribopyranoseÂ·5H 2 O. Journal of Molecular Structure, 2002, 612, 49-57.	3.6	14
48	Sugar interaction with metal ions. The coordination behavior of neutral galactitol to Ca(II) and lanthanide ions. Carbohydrate Research, 2002, 337, 1485-1493.	2.3	19
49	Complexation of trivalent lanthanide cations by inositol in solid state. The crystal structure and Raman spectra study of NdCl 3 Â·inositolÂ·9H 2 O. Journal of Molecular Structure, 2001, 560, 105-113.	3.6	15
50	Far infrared study of some mono- and disaccharides. Vibrational Spectroscopy, 2001, 25, 57-62.	2.2	22
51	Complexation of trivalent lanthanide cations by galactitol in the solid state. The crystal structure and an FT-IR study of 2NdCl3Â·galactitolÂ·14H2O. Carbohydrate Research, 2001, 330, 125-130.	2.3	17
52	Complexation of trivalent lanthanide cations by d-ribose in the solid state. The crystal structure and FT-IR study of PrCl3Â·Î±-d-ribopyranoseÂ·5 H2O. Carbohydrate Research, 2001, 334, 91-95.	2.3	21
53	Complexation of trivalent lanthanide cations by inositols in the solid state: crystal structure and an FT-IR study of PrCl3Â·myo-inositolÂ·9 H2O. Carbohydrate Research, 2000, 329, 847-853.	2.3	15
54	Sugar interaction with metal ions. FT-IR study on the structure of crystalline galactaric acid and its K+, NH4â€ˆ+, Ca2+, Ba2+, and La3+ complexes. Carbohydrate Research, 2000, 324, 45-52.	2.3	54

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55	Sugar interaction with metal ions. Crystal structure and FT-IR spectroscopic study of strontium galactarate mono-hydrate. Journal of Inorganic Biochemistry, 2000, 78, 197-204.	3.5	11